

September 29, 2006

TO: File

THRU: Susan White *SMW*

FROM: Doug Jensen *DJ*

SUBJECT: Highwall Variance, Red Emerald Mine, Rancho Equipment Company,
M/001/058, Beaver County, Utah

Variances from Reclamation Standards (Rule R647) Granted:

R 647-4-111. Reclamation Practices. 7. Highwalls. The highwalls remain stable at 51 degrees and a variance was granted for a single highwall to be left at this slope angle. Under BLM's EA #UT-44-99-14 the highwalls could be completed at a 51 degree overall angle with a maximum height of 40 feet. The maximum length will be 240 feet long. This variance was granted to GMI, Red Emerald's predecessor. A demonstration was made by GMI that the material that formed the highwall on the east and south faces in the pit, would be stable at an angle higher than 45 degrees. This demonstration is consistent with Rule R647-4-111.7.

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